

INTERNATIONAL SEARCH REPORT

PCT /GB2004/000369

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04Q/38

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/28760 A (NOKIA NETWORKS OY ;RINNE MIKKO (FI); SALONEN JANNE (FI); AHMAVAARA) 18 May 2000 (2000-05-18) page 1, line 5 -page 17, line 21 ---	1-19, 21-23
Y	US 6 181 686 B1 (JOKINEN HARRI ET AL) 30 January 2001 (2001-01-30) column 1, line 1 -column 2, line 61 column 3, line 28 -column 4, line 40 column 5, line 65 -column 6, line 8 column 8, line 19-35 ---	1-19, 21-23
A	US 2002/164980 A1 (BERGLUND ARNE ET AL) 7 November 2002 (2002-11-07) paragraphs '0004!-'0057! paragraphs '0064!-'0067! paragraphs '0092!-'0098! paragraph '0103! ---	3 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

8 June 2004

Date of mailing of the international search report

01/07/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>ETSI: "Digital cellular telecommunications system (phase 2+); GSM/EDGE Radio access network (GERAN) overall description; Stage 2; (3GPP TS 43.051 version 5.7.0 Release 5)"</p> <p>ETSI TS 143 051 V5.7.0, August 2002 (2002-08), pages 1-45, XP002283606</p> <p>page 1 -page 44 page 36, line 4-7 page 40-41, paragraph 6.8.8</p> <p>---</p>	17-19
A	<p>NOKIA : "Two threshold NodeB packet scheduling"</p> <p>TSG RAN WG1 29 MEETING, 5 - 8 November 2002, pages 1-5, XP002283607</p> <p>Shanghai, China cited in the application</p> <p>page 1-5</p> <p>-----</p>	1-19, 21-23

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 20

The subject-matter of claim 20 is defined merely by a reference to the drawings. According to Rule 6.2(a) PCT, claims should not contain such references except where absolutely necessary, which is not the case here. The expression "substantially as described and/or as illustrated in the accompanying drawing" in independent claim 20 leaves the reader in doubt as to the meaning of the technical features to which it refers, thereby rendering the definition of the subject-matter of said claim unclear, Article 6 PCT.

As a consequence, independent claim 20 is so unclear in their present form that no meaningful search could be performed in respect of its subject-matter (Article 17(2) b) PCT)

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: 20 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
 No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0028760	A	18-05-2000	FI AU BR CA CN EP WO JP JP	982417 A 1273800 A 9915079 A 2348457 A1 1325601 T 1125460 A2 0028760 A2 3369548 B2 2002530027 T		07-05-2000 29-05-2000 17-07-2001 18-05-2000 05-12-2001 22-08-2001 18-05-2000 20-01-2003 10-09-2002
US 6181686	B1	30-01-2001	FI AU EP WO JP	962834 A 3445397 A 0976282 A1 9803030 A1 2000514624 T		13-01-1998 09-02-1998 02-02-2000 22-01-1998 31-10-2000
US 2002164980	A1	07-11-2002	EP WO US	1386436 A1 02093817 A1 2002167969 A1		04-02-2004 21-11-2002 14-11-2002